This Form is for INTERNAL PTO USE ONLY It does NOT get mailed to the applicant.

NOTICE OF FILING / CLAIM FEE(S) DUE (CALCULATION SHEET)

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Total Fee Calculation									
	Fee Code	Total # Claims	Number Extra X	Fee	Fee =	Total			
-	Sm./Lg.			Sm. Entity	Lg. Entity				
Basic Filing Fee	201/101			345	690 =	690			
Total Claims >20	203/103	-20 =	<u>//</u> x	9	18 =	198			
Independent Claims >3	202/102	4 -3 =	x	39	<u> 78 </u>	28			
Mult. Dep Claim Present	204/104			130	260 =				
Surcharge	205/105			65	130 =	130			
English Translation	139			•					
TOTAL FEE CALCULA	ATION					1096			
Fees due upon filing t		,		•					
Total Filing Fees Due	= \$ <u>'</u>	1096			•				
Less Filing Fees Subn	nitted - \$ _	· · · · · · · · · · · · · · · · · · ·							
BALANCE DUE	/ = \$ <u></u>								
111 .	Via al								

Office of Initial Patent Evenination

FORM OIPE-RAM-01 (Rev. 12/97)

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		SMALL EN	ΠΤΥ	OTHER	THAN	
(Column 1)	(Column 1) (Column 2)		□ OR	SMALL ENTITY		
		RATE	FEE	RATE	FEE	
NUMBER FILED	NUMBER EXTRA	BASIC FEE	370.00 OB	BASIC FEE	740.00	
minus 20=	t :	X\$ 9=				
AIMS minus 3 = * X42-						
PRESENT						
s less than zero, enter	r "O" in column 2	L		L		
AMENDED - PAR	TII	IOTAL L	OR			
		SMALL EN	NTITY OR	SMALL	ENTITY	
NUM PREVIO	IBER PRESENT OUSLY FXTRA			RATE	ADDI- TIONAI FEE	
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	T CLAIM [7]	X42=	OR	X84=		
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		TOTAL				
		AUDII. FEE L.		ADDIT, FEE		
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	1 .	X42=	OB	X84=		
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	mn 2) (Column 3)			ADDI I, FEE		
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Minus **	3/ -4			Y¢10_	72°	
Minus ***	4 = 1.				12	
MULTIPLE DEPENDEN	T CLAIM	776=	OR	⊼84= ————————————————————————————————————	84	
the entry in column 2 well	e "O" in column 2	+140=	OR	+280=		
Paid For IN THIS SPACE	to loce than 20 onter "20	ADDIT, FEE	OR	TOTAL ADDIT, FEE		
Pald For" (Total or Independ	ient) is the highest number	er found in the appro				
	NUMBER FILED NUMBER FILED MINUS 20= minus 20= minus 3 = PRESENT S less than zero, ente AMENDED - PAR (Column 1) Minus ++ MULTIPLE DEPENDEN (Column 1) (Column 2) Minus ++ MULTIPLE DEPENDEN (Column 1) (Column 1) (Column 1) (Column 1) (Column 2) (Column 1) (Column 1) (Column 2) (Column 1) (Column 2) (Column 2) (Column 2) (Column 3) (Column 4) (Column	NUMBER FILED NUMBER EXTRA minus 20 = * minus 3 = * PRESENT S less than zero, enter "0" in column 2 AMENDED - PART II (Column 2) (Column 3) HIGHEST NUMBER PREVIOUSLY PAID FOR Minus *** = * MULTIPLE DEPENDENT CLAIM (Column 2) (Column 3) HIGHEST NUMBER PREVIOUSLY PAID FOR Minus *** = * MULTIPLE DEPENDENT CLAIM (Column 2) (Column 3) HIGHEST NUMBER PREVIOUSLY PAID FOR Minus *** = * MULTIPLE DEPENDENT CLAIM (Column 2) (Column 3) HIGHEST NUMBER PREVIOUSLY PAID FOR Minus *** = * MULTIPLE DEPENDENT CLAIM (Column 2) (Column 3) HIGHEST NUMBER PREVIOUSLY PAID FOR Minus *** = * MULTIPLE DEPENDENT CLAIM MINUS ** MULTIPLE DEPENDENT CLAIM MINUS ** MULTIPLE DEPENDENT CLAIM MIN	SFILED - PART I (Column 1) (Column 2) FRATE NUMBER FILED NUMBER EXTRA Minus 3 = MINUS 20 = MINUS 3 = MINUS 3 = MINUS 4++ MINUS 4++	SFILED - PART I (Column 1) (Column 2) RATE FEE NUMBER FILED NUMBER EXTRA minus 20= * minus 3 = * PRESENT PRESENT I (Column 2) (Column 3) HIGHEST NUMBER PRESENT PRESENT PREVIOUSLY PAID FOR NUMBER PREVIOUSLY PAID FOR PREVIOUSLY PAID FOR NUMBER PREVIOUSLY PRESENT PRESENT PREVIOUSLY PAID FOR NUMBER PRESENT PRESENT PREVIOUSLY PAID FOR NUMBER PREVIOUSLY PAID FOR NUMBER PREVIOUSLY PAID FOR NUMBER PREVIOUSLY PRESENT PRESENT PRESENT PRESENT PREVIOUSLY PAID FOR NUMBER PAID FOR	STILED - PART (Column 1)	

Application or Docket Number

PATENT APPLICATION FEE DETERMINATION RECORD

Effective December 29, 1999

CLAIMS AS FILED - PART I (Column 1) (Column 2)							ENTITY	OR	OTHER SMALL	
FC	OR .	NUMBE	RFILED	NUMBER	EXTRA	RATE	FEE		RATE	FEE
BA	SIC FEE		345.00	OR	***	690.00				
TOTAL CLAIMS 3 / minus 20= * //								OR	X\$18=	198
INDEPENDENT CLAIMS								OR	X78=	18
MULTIPLE DEPENDENT CLAIM PRESENT								OR	+260=	
* If	the difference	TOTAL		OR	TOTAL	966				
·	~ C	LAIMS AS A (Column 1)	MENDED	(Column 2)	(Column 3)	SMALL I	ENTITY	OR	OTHER SMALL I	
AMENDMENT A		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
NDN	Total	*	Minus	**	=	X\$ 9=		OR	X\$18=	
AME	Independent	*	Minus	***	<u> </u> =	X39=		OR	X78=	
	FIRST PRESE	NIATION OF M	JUNPLE DEF	PENDENT CLAIM		+130=		OR	+260=	
				•		TOTAL ADDIT, FEE		OR	TOTAL ADDIT, FEE	
		(Column 1)		(Column 2)	(Column 3)	ADDII. FEE			ADDIT: 1 EE	
AMENDMENT B		CLAIMS REMAINING AFTER AMENDMENT	K	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
N N	Total		Minus	**	=	X\$ 9=		OR	X\$18=	
AME	Independent	*	Minus	***	=	X39=		OR	X78=	
	FIRST PRESE	NIATION OF M	ULTIPLE DEF	PENDENT CLAIM		+130=	·	OR	+260=	
						TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	
		(Column 1)		(Column 2)	(Column 3)					
AMENDMENT C		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
Š	Total	*	Minus	**	=	X\$ 9=		OR	X\$18=	
WE	Independent	*	Minus	***	=	X39=			X78=	
lacksquare	FIRST PRESE	NTATION OF M	ULTIPLE DEI	PENDENT CLAIM				OR	A/6=	
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٠٠	If the "Highest Nu *If the "Highest Nu	mber Previously P Imber Previously P	aid For" IN THI aid For" IN THI	S SPACE is less that S SPACE is less that	an 20, enter "20." an 3, enter "3."	TOTAL ADDIT. FEE			TOTAL ADDIT. FEE	
ĺ	The "Highest Nun	nber Previously Pa	id For" (Total o	r Independent) is th	e highest number	found in the app	propriate bo	x in co	lumn 1.	

Application or Docket Number

PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 2001

09/497,552

1	•	CLAIMS A	S FILED	- PART	ł			SMALL E	YTITH		OTHE	R THAN
		(Colum	in 1)	(Co	lumn 2)	п	TYPE [OR	SMALL	ENTITY	
∏ ⊺	OTAL CLAIMS	S						RATE.	FEE		RATE	FEE
F	OR [!]		NUMBER	R FILED	NUM	IBER EXTRA		BASIC FE	370.0	0 OR	BASIC FEI	F 740.00
Ţ	OTAL CHARGE	inus 20≈	*			X\$ 9=		OR	X\$18=			
IN	INDEPENDENT CLAIMS minus 3 = *							X42=		OR.	X84=	
М	ULTIPLE DEPE	NDENT CLAIM F	PRESENT					+140=		OR	+280=	
*1	f the difference	e in column 1 is	less than z	ero, enter	"0" in	column 2	l	TÖTAL		OF		
		CLAIMS AS (Column 1)	AMENDE	D - PAR [*] (Colun		(Column 3)	<u>.</u>	SMALL	ENTITY	O'R	OTHER	
AMENDMENT A	·	CLAIMS REMAINING AFTER AMENDMENT		HIGHI NUME PREVIO PAID F	BER USLY	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
MQ.	Total	. 35	Minus	" <i>3</i>	5	=		X\$ 9=		OR	X\$18=	
ME	Independent	. 5	Minus	***	5	=		X42=		QR	X84=	
	FIRST PRESE	ENTATION OF M	ULTIPLE DE	PENDENT	CLAIM			+140=		OR	+280=	,
			•				L	TOTAL BBT TIDO		ا _ ل	TOTAL ODIT. FEE	
		(Column 1)		(Colum	n 2)	(Column 3)	ΑŲ	יוטני ויטנ			(2011.1 22.	
AMENDMENT B		CLAIMS REMAINING AFTER AMENDMENT		HIGHE NUMB PREVIOU PAID F	ST ER JSLY	PRESENT EXTRA		RATE	ADDI- FIONAL FEE		RATE	ADDI- TIONAL FEE
MQ.	Total	*	Minus	##		=		X\$ 9=	:	OR	X\$18=	
ME	Independent	*	Minus	***		=		X42=		OR	X84=	
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•.							L	TOTAL DIT. FEE		│ _○ ┌	TOTAL DDIT. FEE	
		(Column 1)		(Columi	n 2)	(Column 3)	ķ				: •	
AMENDMENT C		CLAIMS REMAINING AFTER AMENDMENT		HIGHE: NUMBE PREVIOL PAID FO	ST ER JSLY	PRESENT EXTRA			ADDI- IONAL FEE		RATE	ADDI- TIONAL FEE
MOI	Total	*	Minus	44		=		X\$ 9=		OR	X\$18=	
ME	Independent	*	Minus	***		=		X42=.		OR	X84=	
٩	FIRST PRESE	NTATION OF ML	ILTIPLE DEP	ENDENT (CLAIM		-				.200	
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*** T	i me;"Highest Num The "Highest Num	nber Previoush, Ma ber Previously Paid	io nor in this I For" (Total or	Independent	uss man ly is the i	highest number	found	in the appro	priate box	in colun	nn 1.	
	\$.			•								